News

From Air-Conditioning and Refrigeration Institute • 1815 N. Fort Myer Drive, Arlington, Virginia 22209
For further information contact: Ray Durazo or Susan Queeney (703) 524-8800 Telex: 89-2351

FOR IMMEDIATE RELEASE
May 1, 1981

ARI REPORTS VALUE OF UNITARY AIR-CONDITIONING EQUIPMENT 5.1 BILLION DOLLARS DURING 1980

ARLINGTON, VIRGINIA ----- The installed value of unitary air-conditioning equipment in the United States during 1980 decreased by 12.6% from the 1979 installed value, the Air-Conditioning and Refrigeration Institute reported recently.

Installed value of unitary equipment reached $5,186,009,664 down from the 1979 figure of $5,936,442,921.

Commercial installation accounted for $1,830,580,224 of the total while residential unitary installed value came to $3,355,429,440, according to estimates compiled by ARI's Business Research Department from information supplied by manufacturers.

"Installed value" covers not only the cost of unitary air-conditioners as shipped from the factory, but also labor, ductwork, registers and grilles, thermostatic and other controls, electrical wiring and other components of the system which is engineered by the contractor or dealer.

"Unitary" represents the equipment used in most central residential installations plus some commercial and industrial installations which use packaged equipment.

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The totals below show the growth of the unitary air-conditioning market over the past 25 years, particular central residential installations:

ESTIMATED INSTALLED VALUE OF UNITARY AIR-CONDITIONERS

YEAR	RESIDENTIAL	COMMERCIAL	TOTAL
1956	$ 174,011,400	$ 290,796,100	$ 464,807,500
1957	176,230,800	226,582,300	402,813,100
1958	204,602,850	219,489,200	424,092,050
1959	266,675,850	283,136,700	549,812,550
1960	318,477,150	312,648,350	631,125,500
1961	338,139,000	280,286,300	618,425,300
1962	408,623,850	345,652,300	754,276,150
1963	451,360,800	390,610,800	841,971,600
1964	532,020,800	464,249,600	996,270,400
1965	632,567,600	543,029,600	1,175,597,200
1966	718,252,000	671,604,400	1,389,856,400
1967	783,604,000	749,020,000	1,532,624,000
1968	950,191,600	834,616,000	1,784,807,600
1969	1,295,766,400	981,417,200	2,277,183,600
1970	1,360,817,315	986,784,758	2,347,602,073
1971	1,649,497,029	1,095,759 074	2,745,256,103
1972	2,163,792,878	1,352,464,750	3,516,257,628
1973	2,582,223,238	1,570,293,453	4,152,516,691
1974	2,433,902,714	1,477,470,080	3,911,372,794
1975	1,791,216,492	1,164,231,182	2,955,447,674
1976	2,683,372,806	1,437,146,797	4,120,519,603
1977	3,264,487,814	1,541,671,701	4,806,159,515
1978	3,940,958,613	1,587,475,305	5,528,433,918
1979	3,990,624,988	1,945,812,933	5,936,442,921
1980	3,355,429,440	1,830,580,224	5,186,009,644

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FOR IMMEDIATE RELEASE
June 17, 1981

ARI ANNOUNCES APRIL UNITARY SHIPMENTS

April U.S. shipments of unitary air-conditioners and heat pumps were 234,917. This was an increase of 32.5% over April, 1980. Year-to-date shipments were 848,990, up 11.5% as compared to January-April figures a year ago.

Included in the total figures were April shipments of heat pumps which were 47,594. This is an increase of 29.8% compared to shipments in April, 1980. The cumulative shipments for heat pumps for the first 4 months of 1981 were 178,854. This is an increase of 11.0% over the same period of 1980.

April factory stocks are up 16,700 units over March and are down about 186,000 units compared to April, 1980.

April distributor shipments were up 57.0% over April a year ago. The year-to-date shipments are up 12.0% .

Distributor inventories are down 22,000 units compared to March and are down some 121,000 units from April, 1980.

April U.S. dollar bookings of large tonnage liquid chillers were up 135.0% thus making the year-to-date up 12.0% compared with 1980.

April U.S. dollar bookings of reciprocating liquid chillers were up 31.0% with a year-to-date gain of 11.0%.

DATE: APRIL, 1981

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
CONDENSED SUMMARY BY SIZE	Under 16.5		1792		1792	37.7-
	16.5-21.9		20849	20	20869	26.3+
	22-26.9		47713	8	47721	39.7+
	27-32.9		46610	39	46649	41.6+
	33-38.9		52653	149	52802	40.8+
	39-43.9		18707	30	18737	32.8+
	44-53.9		19471		19471	26.8+
	54-64.9		17025	227	17252	17.9+
	65-96.9		3761	146	3907	17.9+
	97-134.9		2449	91	2540	4.3-
	135-184.9		1690	54	1744	16.7+
	185-249.9		492	31	523	17.0-
	250-319.9		322	23	345	14.2-
	320-379.9		163	13	176	29.9-
	380-539.9		170	6	176	25.4-
	540-639.9		78	7	85	6.6-
	640 and over		122	6	128	.8-
	TOTAL		234067	850	234917	32.5

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FOR IMMEDIATE RELEASE
July 10, 1981

ARI ANNOUNCES MAY UNITARY SHIPMENTS

May U. S. shipments of unitary air-conditioners and heat pumps were 241,033. This was an increase of 55.6% over May 1980. Year-to-date shipments were 1,090,023, up 19.0% as compared to January-May figures a year ago.

Included in the total figures were May shipments of heat pumps which were 45,841. This is an increase of 65.3% compared to shipments in May, 1980. The cumulative shipments for heat pumps for the first 5 months of 1981 were 224,695. This is an increase of 18.9% over the same period of 1980.

May factory stocks are down 4,000 units from April and are down about 188,000 units compared to May 1980.

May distributor shipments were up 61.0% over May a year ago. The year-to-date shipments are up 21.0%. Distributor inventories are down 11,000 units compared to April and are down some 130,000 units from May, 1980.

May U. S. dollar bookings of Large Tonnage Liquid Chillers were down 21%, thus making the year-to-date up 7% compared with 1980.

May U. S. dollar bookings of reciprocating liquid chillers were up 3% with a year-to-date gain of 17%.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Date MAY, 1981

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE		U.S. TOTAL C	% CHGE. FROM 1980
			AIR OR EVAP. COOLED A	WATER COOLED B		
CONDENSED SUMMARY BY SIZE	Under 16.5		2380		2380	19.1-
	16.5-21.9		18850	22	18872	31.5+
	22-26.9		46540	25	46565	59.0+
	27-32.9		45607	43	45650	72.3+
	33-38.9		54468	149	54617	65.4+
	39-43.9		23826	25	23851	107.9+
	44-53.9		19032		19032	39.1+
	54-64.9		18961	164	19125	40.2+
	65-96.9		5065	108	5173	37.5+
	97-134.9		2687	83	2770	6.0+
	135-184.9		1540	74	1614	9.0-
	185-249.9		488	24	512	27.1-
	250-319.9		264	17	281	42.3-
	320-379.9		167	19	186	17.7-
	380-539.9		140	8	148	31.2-
	540-639.9		120	3	123	11.8+
	640 and over		132	2	134	8.9+
	TOTAL		240267	766	241033	55.6

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August 18, 1981

ARI ANNOUNCES JUNE UNITARY SHIPMENTS

June U.S. shipments of unitary air-conditioners and heat pumps were 279,467. This was an increase of 42.3% over June, 1980. Year - to - date shipments were 1,369,490, up 23.1% as compared to January-June figures a year ago.

Included in the total figures were June shipments of heat pumps which were 50,639. This is an increase of 56.2% compared to shipments in June 1980. The cumulative shipments for heat pumps for the first 6 months of 1981 were 275,334. This is an increase of 24.5% over the same period of 1980.

June factory stocks are down 20,000 units from May and are down about 132,000 units compared to June 1980.

June distributor shipments were down 17% over June a year ago. The year - to - date shipments are up 17%. Distributor inventories are up 50,000 units compared to May and are down some 50,000 units from June 1980.

June U. S. dollar bookings of Large tonnage liquid chillers were up 20% thus making the year - to - date up 9% compared with 1980.

June U. S. dollar bookings of reciprocating liquid chillers were up 5% with a year - to - date gain of 14%.

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AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JUNE, 1981

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS			
			CONDENSER-TYPE			
			AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
CONDENSED SUMMARY BY SIZE	Under 16.5		3497		3497	25.0+
	16.5-21.9		20867	33	20900	19.0+
	22-26.9		53039	3	53042	54.6+
	27-32.9		55458	41	55499	59.8+
	33-38.9		68458	134	68592	47.3+
	39-43.9		20593	37	20630	38.6+
	44-53.9		23097		23097	23.6+
	54-64.9		22829	251	23080	34.0+
	65-96.9		4258	126	4384	19.8+
	97-134.9		3094	49	3143	25.1+
	135-184.9		1893	42	1935	24.4+
	185-249.9		546	24	570	9.4-
	250-319.9		412	28	440	3.9-
	320-379.9		246	9	255	1.2-
	380-539.9		175	11	186	22.5-
	540-639.9		106	9	115	2.5-
	640 and over		98	4	102	41.4-
	TOTAL		278666	801	279467	42.3+

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FOR IMMEDIATE RELEASE
September 25, 1981

ARI ANNOUNCES JULY UNITARY SHIPMENTS

July U. S. shipments of unitary air-conditioners and heat pumps were 273,771. This was an increase of 26.7% over July, 1980. Year-to-date shipments were 1,643,261, up 23.7% as compared to January-July figures a year ago.

Included in the total figures were July shipments of heat pumps which were 52,264. This is an increase of 70.8% compared to shipments in July, 1980. The cumulative shipments for heat pumps for the first 7 months of 1981 were 367,598. This is an increase of 30.1% over the same period of 1980.

July factory stocks are up 8,000 units over June and are down about 41,000 units compared to July, 1980.

July distributor shipments were down 6.0% from July a year ago. The year-to-date shipments are up 12%. Distributor inventories are down 5,000 units compared to June and are up 25,000 units over July 1980.

July U. S. dollar bookings of Large Tonnage Liquid Chillers were up 29%, thus making the year-to-date up 11% compared with 1980.

July U. S. dollar bookings of reciprocating liquid chillers were up 39% with a year-to-date gain of 18%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

315 North Fort Myer Drive, Arlington, Virginia 22209

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

Date JULY, 1981

CONDENSED SUMMARY BY SIZE

SIZE BTUH (000)	UNITED STATES NUMBER OF UNITS CONDENSER-TYPE AIR OR EVAP. COOLED A	WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
Under 16.5	2665		2665	80.3+
16.5-21.9	23150	16	23166	43.2+
22-26.9	56100	13	56113	31.5+
27-32.9	50670	20	50690	22.1+
33-38.9	63738	175	63913	17.2+
39-43.9	20151	27	20178	34.4+
44-53.9	23495		23495	29.6+
54-64.9	22129	293	22422	27.8+
65-96.9	4109	144	4253	21.4+
97-134.9	3141	125	3266	30.2+
135-184.9	1862	54	1916	32.4+
185-249.9	650	49	699	5.6+
250-319.9	358	18	376	29.2+
320-379.9	197	17	214	18.6-
380-539.9	177	5	182	10.3+
540-639.9	111	1	112	103.6+
640 and over	111		111	15.9-
TOTAL	272814	957	273771	26.7

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10/14/81

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FOR IMMEDIATE RELEASE

October 13, 1981

ARI ANNOUNCES AUGUST SHIPMENTS

August U.S. shipments of unitary air-conditioners and heat pumps were 169,984. This was a decrease of 3.0% from August, 1980. Year-to-date shipments were 1,813,245, up 20.6% as compared to January-August figures a year ago.

Included in the total figures were August shipments of heat pumps which were 32,011. This ia an increase of 8.7% compared to shipments in August 1980. The cumulative shipments for heat pumps for the first 8 months of 1981 were 359,609. This is an increase of 27.8% over the same period of 1979.

August factory stocks are down 38,000 units from July and are up about 10,000 units compared to August 1980.

August distributor shipments were down 17% from August a year ago. The year-to-date shipments are up 8%.

Distributor inventories are down 26,000 units compared to July and are up some 59,000 units over from August 1980.

August U.S. dollar bookings of Large Tonnage Liquid Chillers were up 155%, thus making the year-to-date up 24% compared with 1980.

August U.S. dollar bookings of reciprocating liquid chillers were up 55% with a year-to-date gain of 22%.

AIR-CONDITIONING AND REFRIGERATION INSTITUTE

1815 North Fort Myer Drive, Arlington, Virginia 22209

Date AUGUST, 1981

Unitary Heating and Cooling Section's Condensed Summary by Size of United States Manufacturers' Shipments Expanded to Industry

UNITED STATES

	SIZE BTUH (000)		NUMBER OF UNITS: CONDENSER-TYPE: AIR OR EVAP. COOLED A	NUMBER OF UNITS: CONDENSER-TYPE: WATER COOLED B	U.S. TOTAL C	% CHGE. FROM 1980
CONDENSED SUMMARY BY SIZE	Under 16.5		1668		1668	70.2+
	16.5-21.9		12193	4	12197	14.1-
	22-26.9		32586		32586	.7-
	27-32.9		31030	17	31047	7.2-
	33-38.9		42136	69	42205	4.2-
	39-43.9		14128	37	14165	7.6+
	44-53.9		15141		15141	.4-
	54-64.9		13342	98	13440	6.6-
	65-96.9		2990	82	3072	23.9+
	97-134.9		2199	69	2268	22.3+
	135-184.9		1110	37	1147	15.1-
	185-249.9		404	16	420	20.6-
	250-319.9		269	13	282	3.4-
	320-379.9		89	21	110	42.1-
	380-539.9		98	4	102	22.7-
	540-639.9		41	2	43	49.4-
	640 and over		90	1	91	32.1-
	TOTAL		169514	470	169984	3.0-

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